

Abstract

The present invention relates to high-viscous moulding materials on basis of thermoplastic polymers from the group consisting of polyamides, polyesters, polyether esters, polyester amides or mixtures thereof and nano-scale fillers, i. e. fillers having a medium particle size in the range of smaller than 1 μm . The moulding materials according to the present invention have an increased melt strength as well as an advantageous balanced mechanical property profile even at elevated temperature and are used for the production of moulded articles, hollow bodies, semi-finished products, plates and pipes.